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FIG. 1

FIG. 1A
FIG. 1B
FIG. 1C

```
-48                                                   CTGTCCCACTCACTCTTTCCCCTGCCGCTCCTGCCGGCAGCTCCAACC
  1 ATGGGAGGCCGCGTCTTTCTCGCATTCTGTGTCTGGCTGACTCTGCCGGGAGCTGAAACCCAGGACTCCAGGGGCTGTGCCCGGTGGTGC
    M  G  G  R  V  F  L  A  F  C  V  W  L  T  L  P  G  A  E  T  Q  D  S  R  G  C  A  R  W  C    30
 91 CCTCAGAACTCCTCGTGTGTCAATGCCACCGCCTGTCGCTGCAATCCAGGGTTCAGCTCTTTTTCTGAGATCATCACCACCCCGACGGAG
    P  Q  N  S  S  C  V  N  A  T  A  C  R  C  N  P  G  F  S  S  F  S  E  I  I  T  T  P  T  E    60
181 ACTTGTGACGACATCAACGAGTGTGCAACACCGTCGAAAGTGTCATGCGGAAAATTCTCGGACTGCTGGAACACAGAGGGGAGCTACGAC
    T  C  D  D  I  N  E  C  A  T  P  S  K  V  S  C  G  K  F  S  D  C  W  N  T  E  G  S  Y  D    90
271 TGCGTGTGCAGCCCGGGATATGAGCCTGTTTCTGGGACAAAAACATTCAAGAATGAGAGCGAGAACACCTGTCAAGATGTGGACGAATGT
    C  V  C  S  P  G  Y  E  P  V  S  G  T  K  T  F  K  N  E  S  E  N  T  C  Q  D  V  D  E  C   120
361 CAGCAGAACCCAAGGCTCTGTAAAAGCTACGGCACCTGCGTCAACACCCTTGGCAGCTATACCTGCCAGTGCCTGCCTGGCTTCAAGTTC
    Q  Q  N  P  R  L  C  K  S  Y  G  T  C  V  N  T  L  G  S  Y  T  C  Q  C  L  P  G  F  K  F   150
451 ATACCTGAGGATCCGAAGGTCTGCACAGATGTGAATGAATGCACCTCCGGACAAAATCCGTGCCACAGCTCCACCCACTGCCTCAACAAC
    I  P  E  D  P  K  V  C  T  D  V  N  E  C  T  S  G  Q  N  P  C  H  S  S  T  H  C  L  N  N   180
541 GTGGGCAGCTATCAGTGTCGCTGCCGACCGGGCTGGCAACCGATTCCGGGGTCCCCCAATGGCCCAAACAATACCGTCTGTGAAGATGTG
    V  G  S  Y  Q  C  R  C  R  P  G  W  Q  P  I  P  G  S  P  N  G  P  N  N  T  V  C  E  D  V   210
631 GACGAGTGCAGCTCCGGGCAGCATCAGTGTGACAGCTCCACCGTCTGCTTCAACACCGTGGGTTCATACAGCTGCCGCTGCCGCCCAGGC
    D  E  C  S  S  G  Q  H  Q  C  D  S  S  T  V  C  F  N  T  V  G  S  Y  S  C  R  C  R  P  G   240
721 TGGAAGCCCAGACACGGAATCCCGAATAACCAAAAGGACACTGTCTGTGAAGATATGACTTTCTCCACCTGGACCCCGCCCCCTGGAGTC
    W  K  P  R  H  G  I  P  N  N  Q  K  D  T  V  C  E  D  M  T  F  S  T  W  T  P  P  P  G  V   270
811 CACAGCCAGACGCTTTCCCGATTCTTCGACAAAGTCCAGGACCTGGGCAGAGACTCCAAGACAAGCTCAGCCGAGGTCACCATCCAGAAT
    H  S  Q  T  L  S  R  F  F  D  K  V  Q  D  L  G  R  D  S  K  T  S  S  A  E  V  T  I  Q  N   300
```

FIG. 1A

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Application No.: 10/059,506
Applicant: Kathleen Kelly
Title: Methods and Compositions for Inhibiting Inflammation...
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FIG. 1

FIG. 1A
FIG. 1B
FIG. 1C

```
901 GTCATCAAATTGGTGGATGAACTGATGGAAGCTCCTGGAGACGTAGAGGCCCTGGCGCCACCTGTCCGGCACCTCATAGCCACCCAGCTG
    V  I  K  L  V  D  E  L  M  E  A  P  G  D  V  E  A  L  A  P  P  V  R  H  L  I  A  T  Q  L   330
991 CTCTCAAACCTTGAAGATATCATGAGGATCCTGGCCAAGAGCCTGCCTAAAGGCCCCTTCACCTACATTTCCCCTTCGAACACAGAGCTG
    L  S  N  L  E  D  I  M  R  I  L  A  K  S  L  P  K  G  P  F  T  Y  I  S  P  S  N  T  E  L   360
1081 ACCCTGATGATCCAGGAGCGGGGGGACAAGAACGTCACTATGGGTCAGAGCAGCGCACGCATGAAGCTGAATTGGGCTGTGGCAGCTGGA
    T  L  M  I  Q  E  R  G  D  K  N  V  T  M  G  Q  S  S  A  R  M  K  L  N  W  A  V  A  A  G   390
1171 GCCGAGGATCCAGGCCCCGCCGTGGCGGGCATCCTCTCCATCCAGAACATGACGACATTGCTGGCCAATGCCTCCTTGAACCTGCATTCC
    A  E  D  P  G  P  A  V  A  G  I  L  S  I  Q  N  M  T  T  L  L  A  N  A  S  L  N  L  H  S   420
1261 AAGAAGCAAGCCGAACTGGAGGAGATATATGAAAGCAGCATCCGTGGTGTCCAACTCAGACGCCTCTCTGCCGTCAACTCCATCTTTCTG
    K  K  Q  A  E  L  E  E  I  Y  E  S  S  I  R  G  V  Q  L  R  R  L  S  A  V  N  S  I  F  L   450
1351 AGCCACAACAACACCAAGGAACTCAACTCCCCCATCCTTTTCGCCTTCTCCCACCTTGAGTCCTCCGATGGGGAGGCGGGAAGAGACCCT
    S  H  N  N  T  K  E  L  N  S  P  I  L  F  A  F  S  H  L  E  S  S  D  G  E  A  G  R  D  P   480
1441 CCTGCCAAGGACGTGATGCCTGGGCCACGGCAGGAGCTGCTCTGTGCCTTCTGGAAGAGTGACAGCGACAGGGGAGGGCACTGGGCCACC
    P  A  K  D  V  M  P  G  P  R  Q  E  L  L  C  A  F  W  K  S  D  S  D  R  G  G  H  W  A  T   510
1531 GAGGGCTGCCAGGTGCTGGGCAGCAAGAACGGCAGCACCACCTGCCAATGCAGCCACCTGAGCAGCTTTGCGATCCTTATGGCTCATTAT
    E  G  C  Q  V  L  G  S  K  N  G  S  T  T  C  Q  C  S  H  L  S  S  F  A  I  L  M  A  H  Y   540
1621 GACGTGGAGGACTGGAAGCTGACCCTGATCACCAGGGTGGGACTGGCGCTGTCACTCTTCTGCCTGCTGCTGTGCATCCTCACTTTCCTG
    D  V  E  D  W  K  L  T  L  I  T  R  V  G  L  A  L  S  L  F  C  L  L  L  C  I  L  T  F  L   570
1711 CTGGTGCGGCCCATCCAGGGCTCGCGCACCACCATACACCTGCACCTCTGCATCTGCCTCTTCGTGGGCTCCACCATCTTCCTGGCCGGC
    L  V  R  P  I  Q  G  S  R  T  T  I  H  L  H  L  C  I  C  L  F  V  G  S  T  I  F  L  A  G   600
1801 ATCGAGAACGAAGGCGGCCAGGTGGGGCTGCGCTGCCGCCTGGTGGCCGGGCTGCTGCACTACTGTTTCCTGGCCGCCTTCTGCTGGATG
    I  E  N  E  G  G  Q  V  G  L  R  C  R  L  V  A  G  L  L  H  Y  C  F  L  A  A  F  C  W  M   630
```

FIG. 1B

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Application No.: 10/059,506
Applicant: Kathleen Kelly
Title: Methods and Compositions for Inhibiting Inflammation...
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FIG. 1

FIG. 1A
FIG. 1B
FIG. 1C

```
1891 AGCCTCGAAGGCCTGGAGCTCTACTTTCTTGTGGTGCGCGTGTTCCAAGGCCAGGGCCTGAGTACGCGCTGGCTCTGCCTGATCGGCTAT
     S  L  E  G  L  E  L  Y  F  L  V  V  R  V  F  Q  G  Q  G  L  S  T  R  W  L  C  L  I  G  Y   660
1981 GGCGTGCCCCTGCTCATCGTGGGCGTCTCGGCTGCCATCTACAGCAAGGGCTACGGCCGCCCCAGATACTGCTGGTTGGACTTTGAGCAG
     G  V  P  L  L  I  V  G  V  S  A  A  I  Y  S  K  G  Y  G  R  P  R  Y  C  W  L  D  F  E  Q   690
2071 GGCTTCCTCTGGAGCTTCTTGGGACCTGTGACCTTCATCATTTTGTGCAATGCTGTCATTTTCGTGACTACCGTCTGGAAGCTCACTCAG
     G  F  L  W  S  F  L  G  P  V  T  F  I  I  L  C  N  A  V  I  F  V  T  T  V  W  K  L  T  Q   720
2161 AAGTTTTCTGAAATCAATCCAGACATGAAGAAATTAAAGAAGGCGAGGGCGCTGACCATCACGGCCATCGCGCAGCTCTTCCTGTTGGGC
     K  F  S  E  I  N  P  D  M  K  K  L  K  K  A  R  A  L  T  I  T  A  I  A  Q  L  F  L  L  G   750
2251 TGCACCTGGGTCTTTGGCCTGTTCATCTTCGACGATCGGAGCTTGGTGCTGACCTATGTGTTTACCATCCTCAACTGCCTGCAGGGCGCC
     C  T  W  V  F  G  L  F  I  F  D  D  R  S  L  V  L  T  Y  V  F  T  I  L  N  C  L  Q  G  A   780
2341 TTCCTCTACCTGCTGCACTGCCTGCTCAACAAGAAGGTTCGGGAAGAATACCGGAAGTGGGCCTGCCTAGTTGCTGGGGGGAGCAAGTAC
     F  L  Y  L  L  H  C  L  L  N  K  K  V  R  E  E  Y  R  K  W  A  C  L  V  A  G  G  S  K  Y   810
2431 TCAGAATTCACCTCCACCACGTCTGGCACTGGCCACAATCAGACCCGGGCCCTCAGGGCATCAGAGTCCGGCATATGAAGGCGCATGGTT
     S  E  F  T  S  T  T  S  G  T  G  H  N  Q  T  R  A  L  R  A  S  E  S  G  I
2521 CTGGACGGCCCAGCAGCTCCTGTGGCCACAGCAGCTTTGTACACGAAGACCATCCATCCTCCCTTCGTCCACCACTCTACTCCCTCCACC
2611 CTCCCTCCCTGATCCCGTGTGCCACCAGGAGGGAGTGGCAGCTATAGTCTGGCACCAAAGTCCAGGACACCCAGTGGGGTGGAGTCGGAG
2701 CCACTGGTCCTGCTGCTGGCTGCCTCTCTGCTCCACCTTGTGACCCAGGGTGGGGACAGGGGCTGGCCCAGGGCTGCAATGCAGCATGTT
2791 GCCCTGGCACCTGTGGCCAGTACTCGGGACAGACTAAGGGCGCTTGTCCCATCCTGGACTTTTCCTCTCATGTCTTTGCTGCAGAACTGA
2881 AGAGACTAGGCGCTGGGGCTCAGCTTCCCTCTTAAGCTAAGACTGATGTCAGAGGCCCCATGGCGAGGCCCCTTGGGGCCACTGCCTGAG
2971 GCTCACGGTACAGAGGCCTGCCCTGCCTGGCCGGGCAGGAGGTTCTCACTGTTGTGAAGGTTGTAGACGTTGTGTAATGTGTTTTTATCT
3061 GTTAAAATTTTTCAGTGTTGACACTTAAAATTAAACACATGCATACAG
```

FIG. 1C

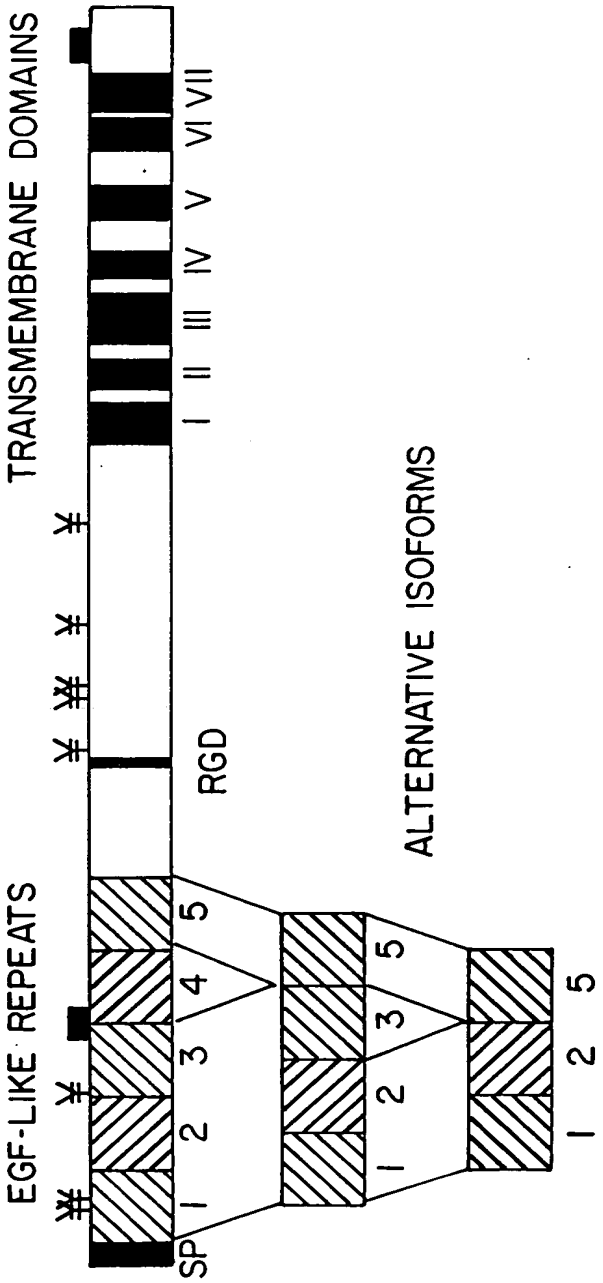
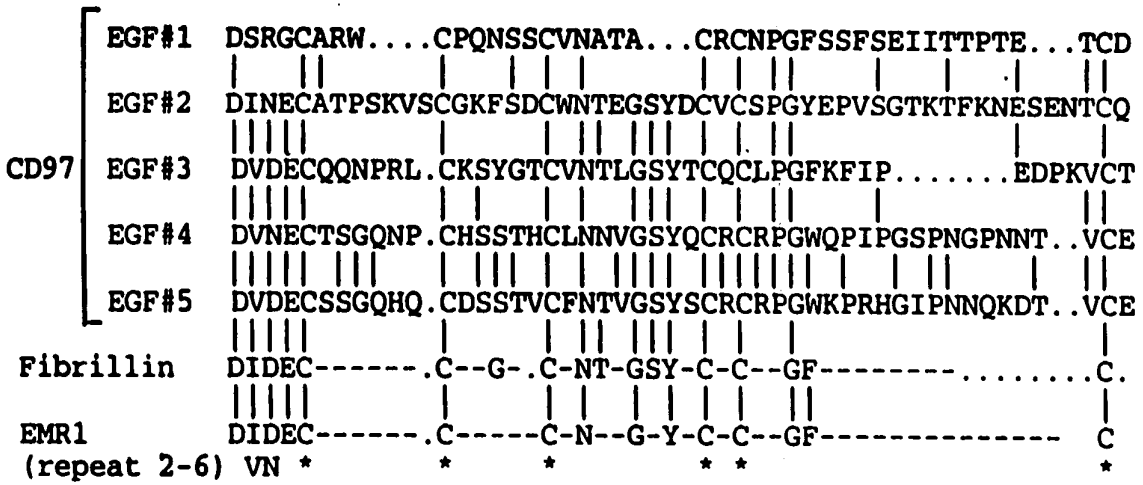


FIG. 2.



D

~~E~~/N β hydroxylation consensus

CXDXXXXYXCXC

(N) (E)

FIG 3

W/W

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Applicant: Kathleen Kelly
Title: Methods and Compositions for Inhibiting Inflammation...
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"ANNOTATED SHEET SHOWING CHANGES"

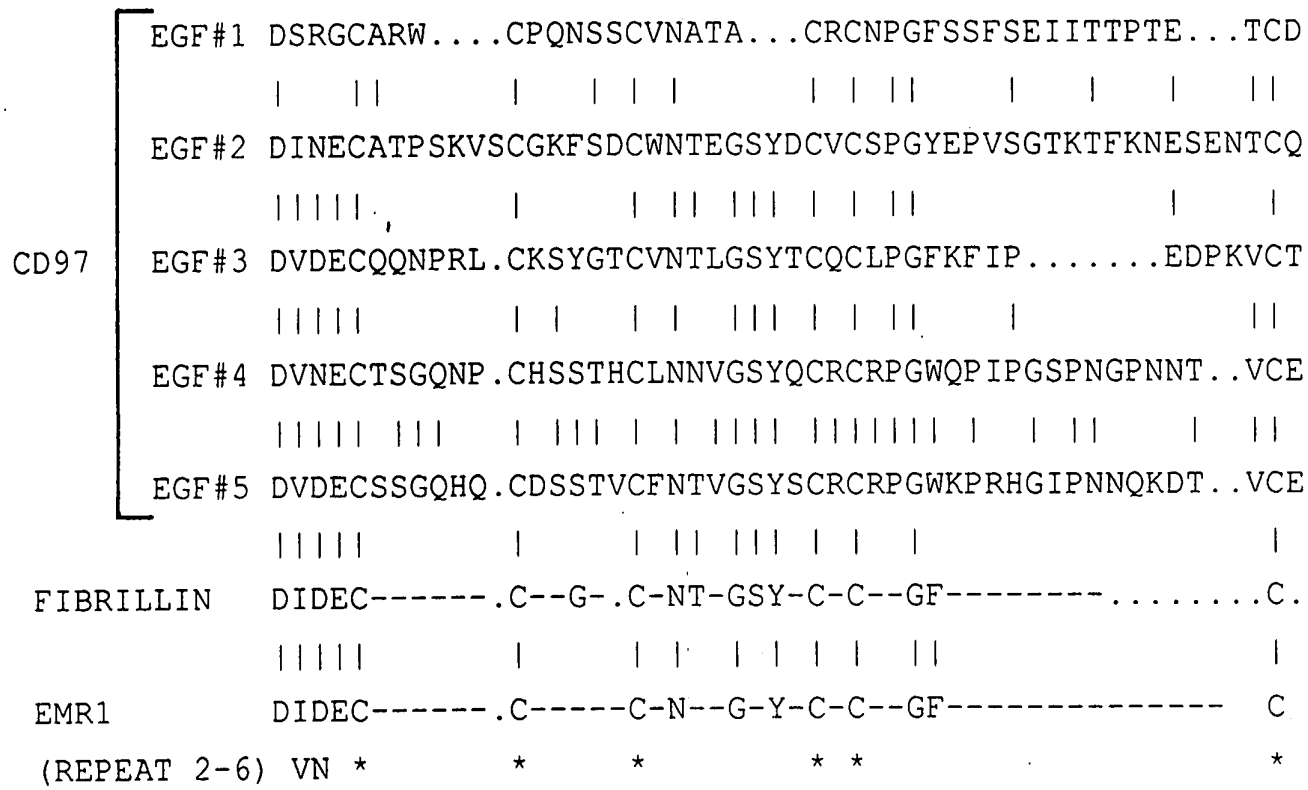

FIG. 3.